

Converting Colors

CIELCh(98, 1.492, 39.005)

Have a look what the booklet for
CIELCh(98, 1.492, 39.005) contains.

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Color

CIELCh(98, 1.491, 39.003)

Conversions

Conversions Part 1

Format	Color
Hex	FCF8F7
RGB	252, 248, 247
RGB Percent	99%, 97%, 97%
CMY	0.0101, 0.0257, 0.0297
CMYK	0.00, 0.02, 0.02, 0.01
HSL	12°, 49%, 98%
HSV	12°, 2%, 99%
XYZ	90.8547, 94.9163, 101.8745
YIQ	249.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

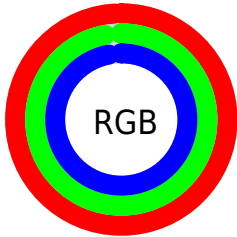
Format	Color
R _Y B	252, 248, 247
Decimal	16578807
CIE Lab	98.00, 1.16, 0.94
CIE LCh	98, 1.491, 39.003
Yxy	94.9163, 0.3159, 0.3300
Android (android.graphics.Color)	4294768887 (0xFFFCF8F7)
YUV	249.0820, -1.0264, 2.5591
Hunter-Lab	97.4250, -4.0315, 6.1996

Details

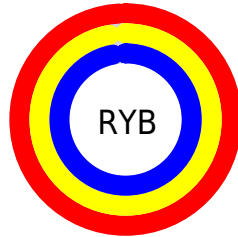
The CIELCh color **98, 1.491, 39.003** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 1.477, 220.061**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 1.223, 44.905** is the 20% darker color. If you saturate the color by 10%, you get **92, 9.399, 39.292**, and if you desaturate by 10%, it is **100, 0.893, 200.091**.

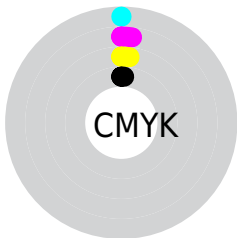
Distribution



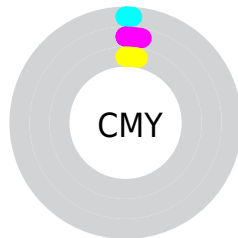
- Red (99%)
- Green (97%)
- Blue (97%)



- Red (99%)
- Yellow (97%)
- Blue (97%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (1%)












- Cyan (1%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 1.491, 39.003 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 98, 1.491, 39.003 by changing the saturation by 10% instead.

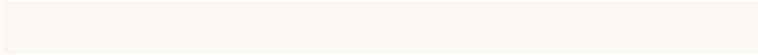
 98, 1.491, 39.003	 98, 1.491, 39.003
 100, 1.491, 39.003	 88, 1.491, 39.003
	 78, 1.491, 39.003
	 68, 1.491, 39.003
	 58, 1.491, 39.003
	 48, 1.491, 39.003
	 38, 1.491, 39.003
	 28, 1.491, 39.003
	 18, 1.491, 39.003
	 8, 1.491, 39.003



Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



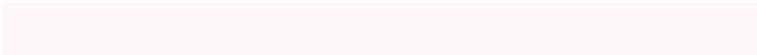
98, 1.491, 39.003



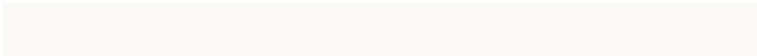
98, 1.477, 220.061

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



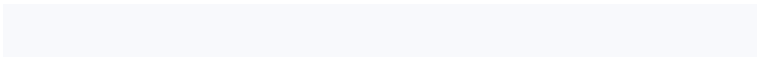
98, 1.491, 39.003



98, 1.491, 89.003



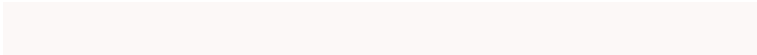
98, 1.491, 219.003



98, 1.491, 269.003

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



98, 1.490, 39.102



99, 0.754, 38.694



98, 2.715, 330.516



53, 0.429, 38.649



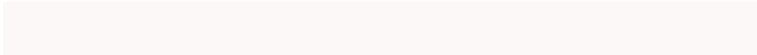
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

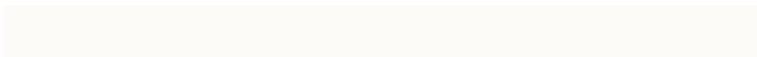
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 1.490, 39.102



99, 1.517, 39.106



99, 1.841, 93.317



52, 0.848, 39.085



41, 79.144, 43.492



11, 28.720, 36.586

Inverse Universe

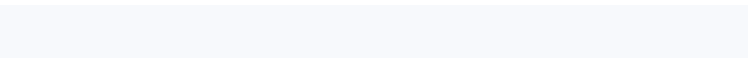
The Inverse Universe completely reimagines the original color for something new.



98, 1.477, 220.061



99, 1.503, 220.057



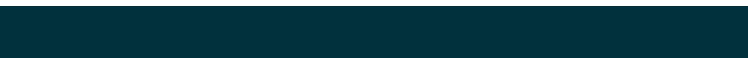
98, 1.863, 274.079



52, 0.841, 220.078



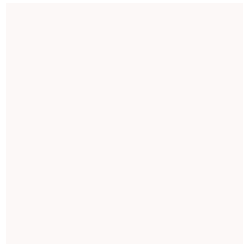
58, 35.056, 235.819



18, 15.725, 230.278

Previews

White Background



This preview shows how the CIE LCh color 98, 1.491, 39.003 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 1.491, 39.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

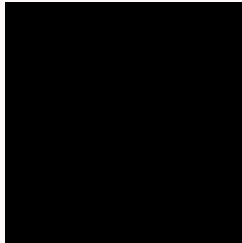
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 1.491, 39.003

Background



This preview shows how black text looks on a background with the CIELCh color 98, 1.491, 39.003.

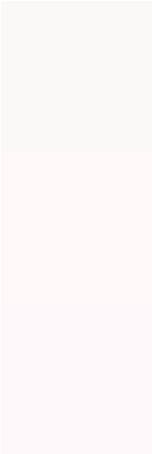


This preview shows how white text looks on a background with the CIELCh color 98, 1.491, 39.003.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



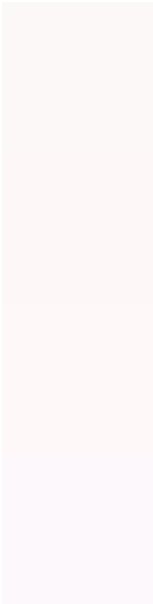
Original Color
98, 1.491, 39.003

Protanopia
98, 2.172, 32.785

Deuteranopia
98, 3.011, 359.612

Tritanopia
98, 3.744, 306.635

Trichromacy



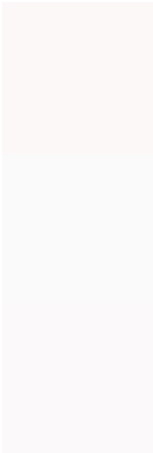
Original Color
98, 1.491, 39.003

Protanomaly
98, 1.828, 35.313

Deuteranomaly
98, 2.116, 19.237

Tritanomaly
98, 2.498, 324.407

Monochromacy



Original Color
98, 1.491, 39.003

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 0.704, 18.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 1.491, 39.003 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(252, 248, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 248, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 1.491, 39.003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 248, 247) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 248, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 248, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(252, 248,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 1.491, 39.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 248, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
248, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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